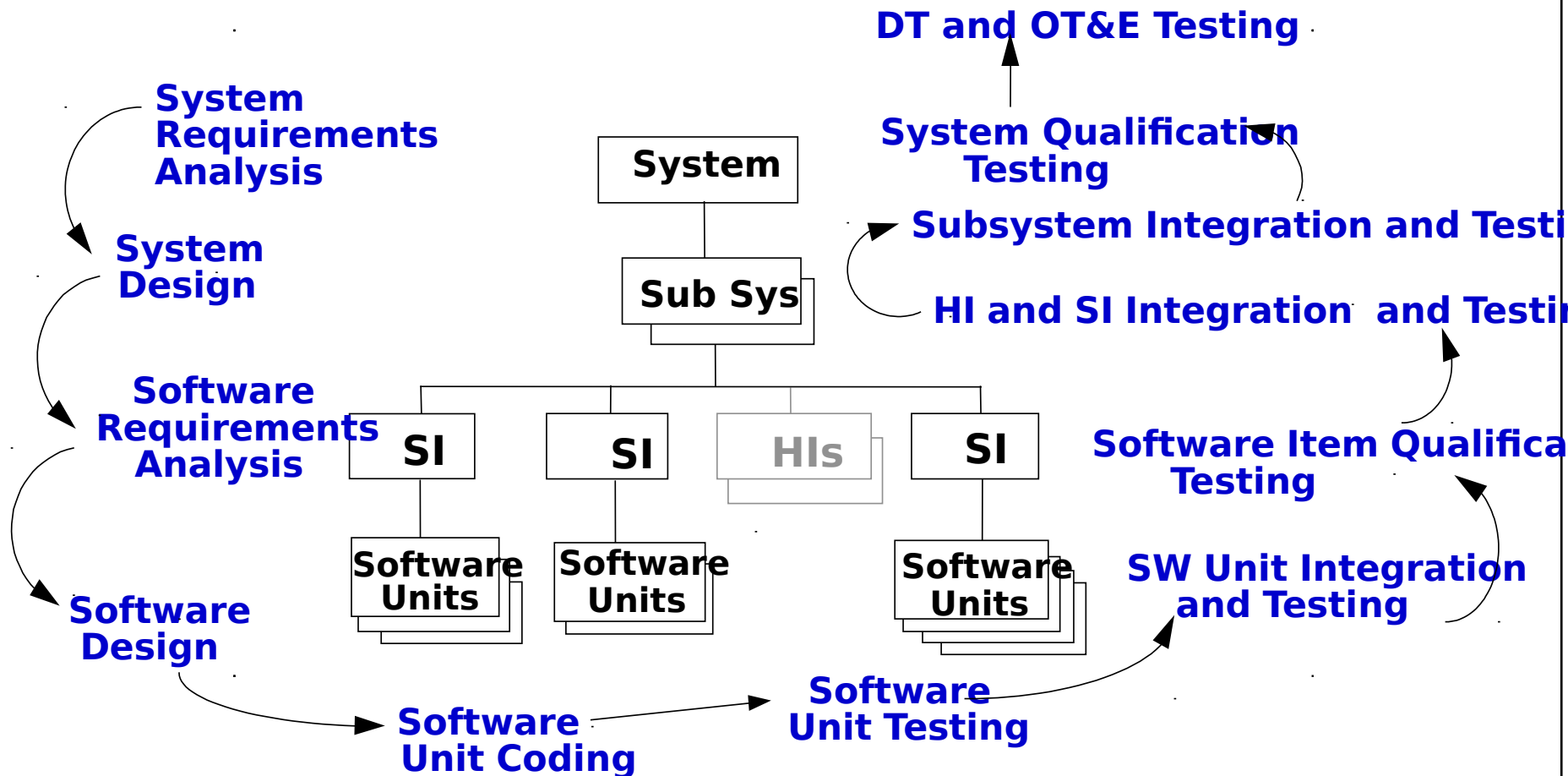
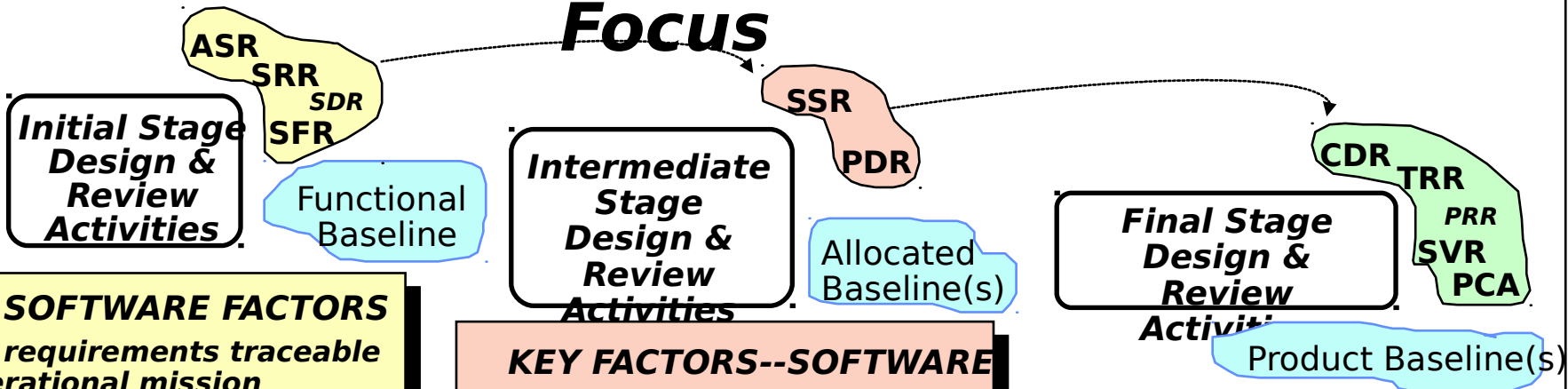


Systems & Software Development



What's 'Supposed' To Happen?

Development: A Review Focus



KEY SOFTWARE FACTORS

- Are requirements traceable to operational mission profiles?
- Is top-level requirements allocation reasonable? Are software and hardware allocations realistic?
- Has a software architecture been established? Is it reasonable?
- Have realistic computer resource utilization limits been established?
- Have communication and interface requirements been established?

KEY FACTORS--SOFTWARE

- Have software requirements been established? Are they prioritized? Are derived requirements understood?
- Have conditions for software acceptance been established?
- What modifications are needed as a result of prototype testing?
- What are reuse & COTS levels?
- Are personnel, training and support impacts understood?
- What exception conditions/capacity limits have been taken into account?
- Have CSCIS been elaborated into...

KEY FACTORS--SOFTWARE

- Do results of Detailed Design support subsequent coding and implementation activities?
- Are interfaces specified in sufficient detail to support coding and implementation?
- What systems are in-place for software configuration management during Post Deployment Software Support?
- How will changes be incorporated into the fielded software?
- Do results of software tests to date verify performance, reliability, safety, security and other critical...

PM Note: A variety of "Joint Management Reviews" to manage software development is suggested by commercial software development standards. Unlike the ineffective massive reviews historically used on DoD programs, these reviews are envisioned as more frequent, incremental and smaller in scope.

What's 'Supposed' To Happen?

Software Development: A Lifecycle Product Focus

